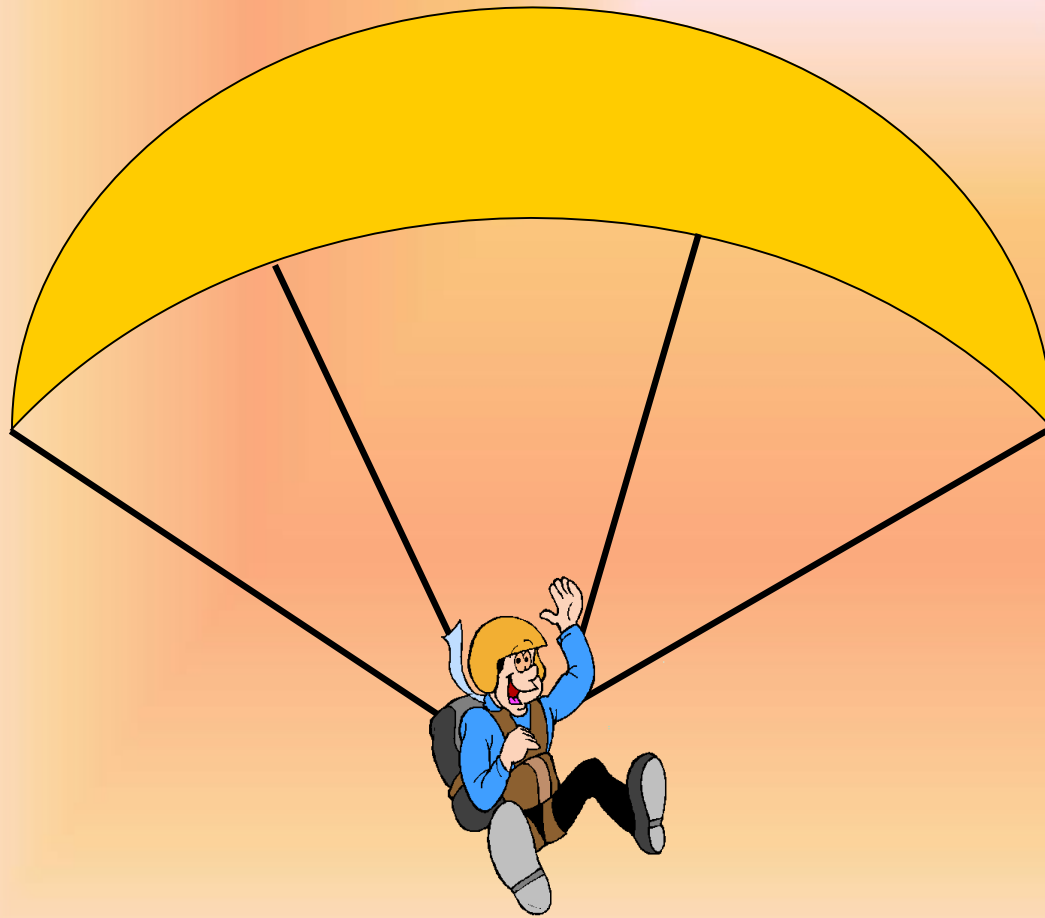


# Lesson 1 Gravity and Air Resistance

**WHAT IS THE BEST SIZE FOR  
A PARACHUTE?**

We will be making different sized parachutes?



Will the size of the surface area impact on the speed the parachute falls?

New vocabulary

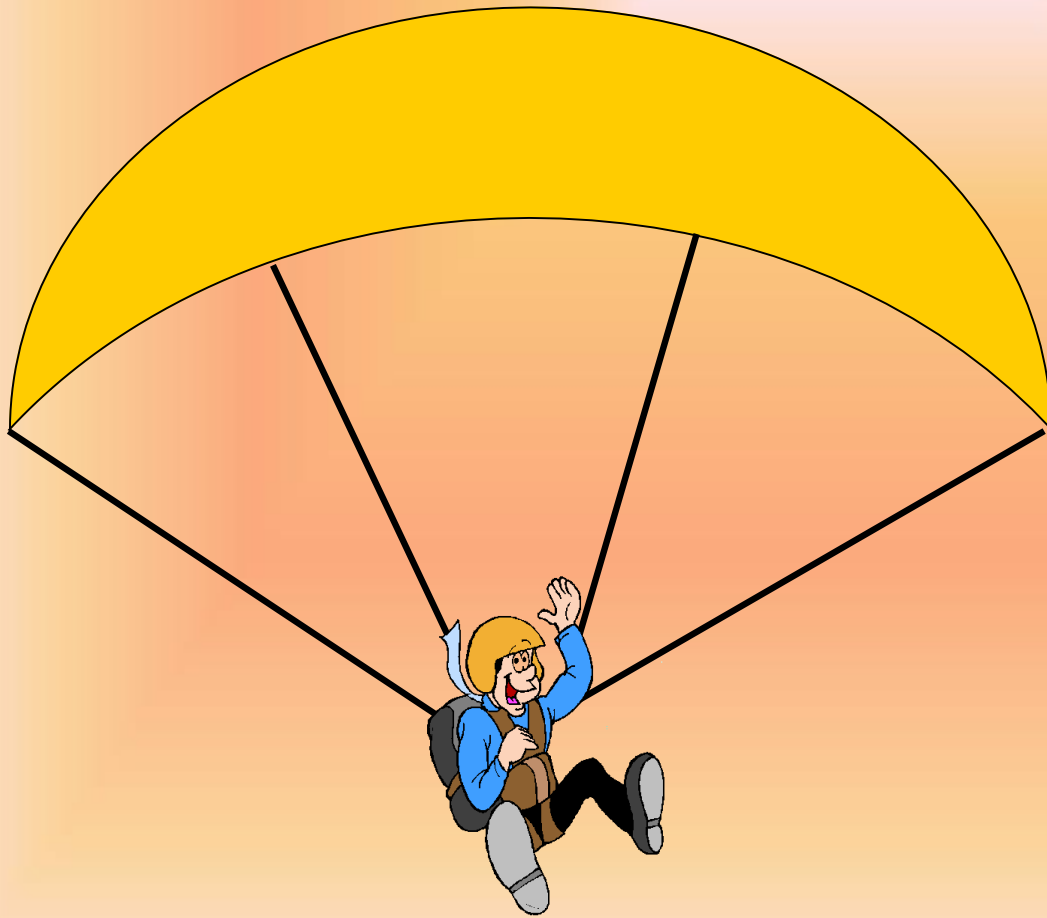
Air resistance

Gravity

Surface area

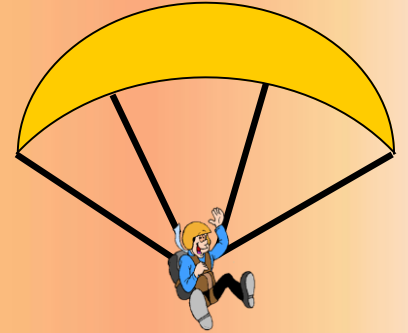
Remember gravity always stays the same

Which parachute do you think will fall the fastest, why?



# What size of parachute will fall the fastest?

- How could we test this?
- What will we need to do this?
- What could we measure?
- What do we think will happen?
- How will we make it a fair test?
- How will we record our results?



# Activity

In your book write about your experiment

- What will we measure?
- How many parachutes will we make?
- What materials could we use?
- How will we make it a fair test?
- How will we record our results?

